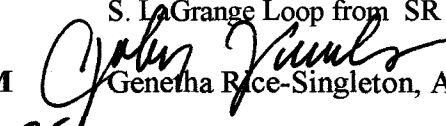



D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. No. 350990-/0008292, Troup County **OFFICE** Preconstruction  
STP-2921(4) / CSSTP-0008-00(292)  
S. LaGrange Loop from SR 109 to SR 219 **DATE** August 28, 2006  
**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction  
**TO**  SEE DISTRIBUTION

**SUBJECT** APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Jamie Simpson  
Paul Liles  
Keith Golden  
Ken Thompson  
Joe Palladi (file copy)  
Babs Abubakari  
Brent Story  
Thomas Howell  
BOARD MEMBER

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-2921 (4) CSSTP-0008-00(292) Troup County  
S. LaGrange Loop From SR 109 to SR 219  
PI # 350990, 0008292  
**OFFICE** Road Design  
**DATE** August 17, 2006

**FROM** Brent A. Story, P.E., State Road & Airport Design Engineer  


**TO** Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT:** Request for Location and Design Approval

The proposed projects consist of 6.1 miles of a proposed bypass around the southeast side of the City of LaGrange. The project construction consists of a two-lane roadway that bypasses around the southeast side of the City of LaGrange. Project STP-2921(4) runs from the beginning of the South LaGrange Loop at SR 109 to its end at SR219. Project CSSTP-0008-00(292) will complete an approximately two mile segment in the middle.

**Description and Project Proposal for CSSTP-0008-00(292):** This project begins at a point 1.95 miles west of the Wiley Rd and Pegasus Parkway intersection. The proposed roadway continues on new location, bridging the CSX Railroad and Blue John Creek, until it meets with the existing Pegasus Parkway where it ends at the Wiley Rd. Pegasus Parkway intersection.

**Description and Project Proposal for STP-2921(4):** Project STP-2921(4) would begin on new location at a proposed intersection with Roanoke Road (SR 109), approximately 1.5 miles west of the intersection of West Point Road (US 29/SR 14) and Roanoke Road. The project continues south on new location to the existing intersection of West Point Road and Old West Point Road. The project proceeds south along Old West Point Road for approximately one mile where it turns east onto new location. At a point 1.95 miles west of the Wiley Road Pegasus Road intersection, project STP-2921(4) will stop, and CSSTP-0008-00(292) will begin. At the terminus of CSSTP-0008-00(292) (at the Wiley\Pegasus Rd intersection) project STP-2921(4) will begin again. Project STP-2921(4) continues east along Pegasus Parkway to the existing intersection with Whitesville Road (SR 219).

These projects include two bridges, and traffic would be maintained during construction.

### **Description and Project Proposal for STP-2921(4) and CSSTP-0008-00(292):**

The proposed typical section would be two lanes with open ditch drainage on right-of-way that varies from 150 ft. to 420 ft. Right of way to accommodate a future four-lane divided roadway is also part of this project.

**Concept Approval Date:** The concept report was approved for this project on April 30, 1999. A Revised Concept Report was approved on August 23, 2001.

**Concept Update:** No significant changes have occurred to the project as described in the approved Concept Report. A portion of the project has been placed under a new project number (CSSTP-0008-00(292), PI No. 0008292). This project will begin 1.95 miles west of Wiley Rd. and end at the Wiley Rd. Pegasus Parkway intersection. Project STP-2921(4) will begin and end as stated above leaving excluding the portion being built under CSSTP-0008-00(292).

**Environmental Assessment and Reassessment Approval Date:** An Environmental Assessment was conducted, and an Environmental Assessment/Finding of No Significant Impacts was approved and signed on June 12, 2006

**Public Involvement**

- **Hearing Results:**
  - A Public Hearing Open House was held on April 21, 2005.
  - A total of 83 people attended the public hearing open house. From those attending, a total of twelve (12) comments were received. Of those responding, two were opposed; seven were in favor; and three were conditional.
  - As a result of the public meeting, additional environmental documentation was provided to attendees; right of way limits were adjusted; and the project programming dates have been accelerated.
  - Officials attending included the following: Commission Chairman Tim Duffey, Commissioner Richard English, Commissioner Morris Jones, Commissioner Robert Davis, Commissioner Ken Smith, County Engineer Judd Gilmer, State Representative Jeff Brown (House District #89)
- **Public Information Open House:**
  - A Public Information Open House was held on March 15, 2001.
  - A total of 120 people attended the public hearing open house. From those attending, a total of forty-two (42) comments were received. Of those responding fourteen (14) were opposed, twenty-one (21) were in support and seven (7) were conditional. Several comments requested additional information regarding the project including a request for a second public meeting.
  - As a result of the public meeting, additional planning and traffic data was provided to the County to distribute as requested, and the Alignment was shifted to avoid one business. A second public meeting was held as required.
  - Officials attending included the following: Ken Smith, Troup County Commissioner, Morris Jones, Troup County Commissioner, and Don Norton, Troup County Manager

**Consistency with Approved Planning:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

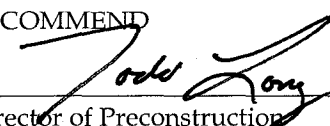
**Recommendations:** We recommend that the location and design for the project be approved and that the attached notice be approved for advertising.

BAS:MBM:ss

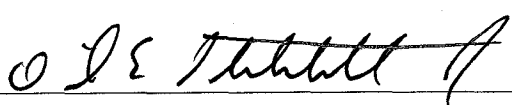
Attachments:

- Project Location Map
- Cost Estimate
- Notice of Location and Design Approval

RECOMMEND

  
\_\_\_\_\_  
Director of Preconstruction

APPROVE

  
\_\_\_\_\_  
Chief Engineer

  
\_\_\_\_\_  
Date

# NOTICE OF LOCATION AND DESIGN APPROVAL

***STP-2921 (4), CSSTP-0008-00(292) TROUP COUNTY***

***P. I. NUMBERS 350990, 0008292***

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the this project.

The date of location approval is AUGUST 28, 2006

The proposed projects consist of 6.1 miles of a proposed bypass around the southeast side of the City of LaGrange. The project construction consists of a two-lane roadway that bypasses around the southeast side of the City of LaGrange. These projects are located partially in the City of LaGrange in Troup County. These projects are located in Congressional Districts No. 8 and 11, Land Districts 5 and 6, Georgia Militia District 655 and 656, as well as Land Lots 4, 5, 24, 25, 26, 27, 28, 29, 70, 71, 72, 73, 180, 181, 204, 205, 206, 207, and 208.

Project STP-2921(4) runs from the beginning of the South LaGrange Loop at SR 109 to its end at SR219. Project CSSTP-0008-00(292) will complete an approximately two mile segment in the middle.

Project CSSTP-0008-00(292) begins at a point 1.95 miles west of the Wiley Rd and Pegasus Parkway intersection. The proposed roadway continues on new location, bridging the CSX Railroad and Blue John Creek, until it meets with the existing Pegasus Parkway where it ends at the Wiley Rd. Pegasus Parkway intersection.

Project STP-2921(4) would begin on new location at a proposed intersection with Roanoke Road (SR 109), approximately 1.5 miles west of the intersection of West Point Road (US 29/SR 14) and Roanoke Road. The project continues south on new location to the existing intersection of West Point Road and Old West Point Road. The project proceeds south along Old West Point Road for approximately one mile where it turns east onto new location. At a point 1.95 miles west of the Wiley Road Pegasus Road intersection, project STP-2921(4) will stop, and CSSTP-0008-00(292) will begin. At the terminus of CSSTP-0008-00(292) (at the Wiley\Pegasus Rd intersection) project STP-2921(4) will begin again. Project STP-2921(4) continues east along Pegasus Parkway to the existing intersection with Whitesville Road (SR 219).

These projects include two bridges and traffic would be maintained during construction.

Drawings or maps or plats of the proposed projects, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Havard Seldon  
LaGrange Area Office – Area 6  
Havard.Seldon@dot.state.ga.us  
1107 Hogansville Road  
LaGrange, Georgia 30241  
(404) 559-6655

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Brad McManus  
Office Road and Airport Design  
Brad.McManus@dot.state.ga.us  
No. 2 Capitol Square, S.W., Room 444  
Atlanta, Georgia 30334-1002  
(404) 656-5407

Any written request or communication in reference to this project or notice **SHOULD** include the Project and P. I. Numbers as noted at the top of this notice.

**Estimate Report for file "0008292"****Section Grading and Drainage**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	328600	CY	6.98	UNCLASSIFIED EXCAVATION	2293628.00
207-0203	290	CY	56.96	FOUND BK FILL MATL, TP II	16518.40
550-1240	144	LF	58.56	STORM DRAIN PIPE, 24 IN, H 1-10	8432.64
550-1420	510	LF	102.39	STORM DRAIN PIPE, 42 IN, H 1-10	52218.90
550-1422	70	LF	108.60	STORM DRAIN PIPE, 42 IN, H 15-20	7602.00
550-1480	80	LF	135.58	STORM DRAIN PIPE, 48 IN, H 1-10	10846.40
550-1481	40	LF	154.06	STORM DRAIN PIPE, 48 IN, H 10-15	6162.40
550-1482	120	LF	127.61	STORM DRAIN PIPE, 48 IN, H 15-20	15313.20
550-1483	50	LF	173.21	STORM DRAIN PIPE, 48 IN, H 20-25	8660.50
550-1484	56	LF	190.00	STORM DRAIN PIPE, 48 IN, H 25-30	10640.00
550-4224	2	EA	844.88	FLARED END SECTION 24 IN, STORM DRAIN	1689.76
550-4242	2	EA	1505.66	FLARED END SECTION 42 IN, STORM DRAIN	3011.32
603-2024	611	SY	50.73	STN DUMPED RIP RAP, TP 1, 24 IN	30996.03
603-7000	611	SY	5.07	PLASTIC FILTER FABRIC	3097.77
<b>Section Sub Total:</b>					<b>\$2,468,817.32</b>

**Section Landscaping and Erosion Control**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2	AC	571.95	TEMPORARY GRASSING	1143.90
163-0240	19	TN	291.39	MULCH	5536.41
163-0300	1	EA	2388.13	CONSTRUCTION EXIT	2388.13
163-0503	11	EA	582.61	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	6408.71
163-0521	237	EA	266.65	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	63196.05
163-0531	2	EA	8652.35	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	17304.70
163-0550	6	EA	335.81	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	2014.86
165-0010	5989	LF	1.61	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	9642.29
165-0030	278	LF	2.05	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	569.90
165-0040	237	EA	132.43	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	31385.91
165-0060	1	EA	1339.31	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	1339.31
165-0087	11	EA	251.61	MAINTENANCE OF SILT CONTROL GATE, TP 3	2767.71
165-0105	6	EA	149.66	MAINTENANCE OF INLET SEDIMENT TRAP	897.96
167-0100	4	MO	977.26	WATER QUALITY MONITORING	3909.04
167-0200	1	EA	1271.25	WATER QUALITY SAMPLING	1271.25
171-0010	5989	LF	2.46	TEMPORARY SILT FENCE, TYPE A	14732.94
171-0030	278	LF	4.09	TEMPORARY SILT FENCE, TYPE C	1137.02
201-1500	1	LS	100000.00	CLEARING & GRUBBING -	100000.00
700-6910	5	AC	1021.10	PERMANENT GRASSING	5105.50
<b>Section Sub Total:</b>					<b>\$270,751.59</b>

**Section Major Structures**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
453-1101	41000	SF	85.00	BRIDGE - COMPLETE	3485000.00
<b>Section Sub Total:</b>					<b>\$3,485,000.00</b>

**Section Guardrail**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
641-1100	66	LF	56.49	GUARDRAIL, TP T	3728.34
641-1200	6750	LF	17.11	GUARDRAIL, TP W	115492.50
641-5001	8	EA	613.61	GUARDRAIL ANCHORAGE, TP 1	4908.88
641-5012	8	EA	1753.33	GUARDRAIL ANCHORAGE, TP 12	14026.64
<b>Section Sub Total:</b>					<b>\$138,156.36</b>

**Section Traffic Control and Mobilization**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	3	MTS	12000.00	TRAFFIC CONTROL	36000.00
151-1000	1	Lump Sum	40000.00	MOBILIZATION	40000.00
<b>Section Sub Total:</b>					<b>\$76,000.00</b>

**Section Miscellaneous**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
634-1200	20	EA	111.30	RIGHT OF WAY MARKERS	2226.00
<b>Section Sub Total:</b>					<b>\$2,226.00</b>

**Section Signing, Striping, and Signals**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-2070	64	LF	10.74	GALV STEEL POSTS, TP 7	687.36
636-2080	224	LF	12.27	GALV STEEL POSTS, TP 8	2748.48
636-2090	112	LF	9.96	GALV STEEL POSTS, TP 9	1115.52
653-0120	41	EA	79.49	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	3259.09
653-0210	4	EA	120.30	THERMOPLASTIC PVMT MARKING, WORD, TP 1	481.20
653-1501	30182	LF	0.86	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	25956.52
653-1502	29211	LF	0.84	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	24537.24
653-1704	128	LF	4.97	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	636.16
653-3501	2995	GLF	0.53	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	1587.35
653-3502	4384	GLF	0.38	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	1665.92
653-6004	346	SY	3.79	THERMOPLASTIC TRAF STRIPING, WHITE	1311.34
653-6006	3526	SY	3.69	THERMOPLASTIC TRAF STRIPING, YELLOW	13010.94
654-1001	339	EA	4.56	RAISED PVMT MARKERS TP 1	1545.84
654-1002	198	EA	4.01	RAISED PVMT MARKERS TP 2	793.98
<b>Section Sub Total:</b>					<b>\$79,336.94</b>

**Section Base and Paving**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	24083	TN	22.22	GR AGGR BASE CRS, INCL MATL	535124.26
402-1812	760	TN	85.00	RECYCLED ASHP CONC LEVELING, INCL BITUM MATL & H LIME	64600.00
402-3112	4320	TN	85.00	RECYCLED ASHP CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	367200.00
402-3121	9125	TN	85.00	RECYCLED ASHP CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	775625.00
402-3130	3519	TN	85.00	RECYCLED ASHP CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	299115.00
413-1000	5800	GAL	1.70	BITUM TACK COAT	9860.00
429-1000	3200	SY	2.24	RUMBLE STRIPS	7168.00
<b>Section Sub Total:</b>					<b>\$2,058,692.26</b>

**Section Concrete Work**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
433-1000	286	SY	165.87	REINF CONC APPROACH SLAB	47438.82
441-0004	320	SY	50.82	CONC SLOPE PAV, 4 IN	16262.40
500-3101	250	CY	701.17	CLASS A CONCRETE	175292.50
500-3800	74	CY	1005.22	CLASS A CONCRETE, INCL REINF STEEL	74386.28
511-1000	35880	LB	1.00	BAR REINF STEEL	35880.00
<b>Section Sub Total:</b>					<b>\$349,260.00</b>

**Total Estimated Cost: \$8,928,240.47**

**Subtotal Construction Cost    \$8,928,240.47**

E&C Rate 10.0 %            \$892,824.05

Inflation Rate 5.0 % @ 1.0 Years            \$491,053.23

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**Total Construction Cost    \$10,312,117.74**

Right Of Way            \$0.00

ReImb. Utilities            \$0.00

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**Grand Total Project Cost    \$10,312,117.74**



## Estimate Report for file "350990"

Section Grading and Drainage					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	569200	CY	6.98	UNCLASSIFIED EXCAVATION	3973016.00
207-0203	625	CY	56.96	FOUND BK FILL MATL, TP II	35600.00
550-1150	103	LF	62.24	STORM DRAIN PIPE, 15 IN, H 1-10	6410.72
550-1180	1317	LF	46.90	STORM DRAIN PIPE, 18 IN, H 1-10	61767.30
550-1240	566	LF	58.56	STORM DRAIN PIPE, 24 IN, H 1-10	33144.96
550-1300	615	LF	64.98	STORM DRAIN PIPE, 30 IN, H 1-10	39962.70
550-1302	150	LF	83.92	STORM DRAIN PIPE, 30 IN, H 15-20	12588.00
550-1420	122	LF	102.39	STORM DRAIN PIPE, 42 IN, H 1-10	12491.58
550-1422	100	LF	108.60	STORM DRAIN PIPE, 42 IN, H 15-20	10860.00
550-1480	120	LF	135.58	STORM DRAIN PIPE, 48 IN, H 1-10	16269.60
550-1481	70	LF	154.06	STORM DRAIN PIPE, 48 IN, H 10-15	10784.20
550-1482	200	LF	127.61	STORM DRAIN PIPE, 48 IN, H 15-20	25522.00
550-1483	100	LF	173.21	STORM DRAIN PIPE, 48 IN, H 20-25	17321.00
550-1485	174	LF	190.00	STORM DRAIN PIPE, 48 IN, H 30-35	33060.00
550-1541	110	LF	189.59	STORM DRAIN PIPE, 54 IN, H 10-15	20854.90
550-1542	305	LF	212.17	STORM DRAIN PIPE, 54 IN, H 15-20	64711.85
550-1600	265	LF	130.46	STORM DRAIN PIPE, 60 IN, H 1-10	34571.90
550-1722	140	LF	300.00	STORM DRAIN PIPE, 72 IN, H 15-20	42000.00
550-3324	1	EA	1145.50	SAFETY END SECTION 24 IN, STORM DRAIN, 4:1 SLOPE	1145.50
550-3330	2	EA	1633.33	SAFETY END SECTION 30 IN, STORM DRAIN, 4:1 SLOPE	3266.66
550-4218	38	EA	658.98	FLARED END SECTION 18 IN, STORM DRAIN	25041.24
550-4224	12	EA	844.88	FLARED END SECTION 24 IN, STORM DRAIN	10138.56
550-4230	13	EA	823.09	FLARED END SECTION 30 IN, STORM DRAIN	10700.17
550-4242	11	EA	1505.66	FLARED END SECTION 42 IN, STORM DRAIN	16562.26
603-2024	2219	SY	50.73	STN DUMPED RIP RAP, TP 1, 24 IN	112569.87
603-7000	2219	SY	5.07	PLASTIC FILTER FABRIC	11250.33
611-8050	2	EA	1756.21	ADJUST MANHOLE TO GRADE	3512.42
668-1100	7	EA	1914.01	CATCH BASIN, GP 1	13398.07
668-2100	4	EA	2092.00	DROP INLET, GP 1	8368.00
<b>Section Sub Total:</b>					<b>\$4,666,889.79</b>

Section Landscaping and Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	571.95	TEMPORARY GRASSING	2287.80
163-0240	41	TN	291.39	MULCH	11946.99
163-0300	3	EA	2388.13	CONSTRUCTION EXIT	7164.39
163-0503	24	EA	582.61	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	13982.64
163-0521	503	EA	266.65	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	134124.95
163-0531	4	EA	8652.35	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	34609.40
163-0550	14	EA	335.81	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	4701.34
165-0010	12716	LF	1.61	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	20472.76
165-0030	592	LF	2.05	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1213.60
165-0040	503	EA	132.43	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	66612.29
165-0060	1	EA	1339.31	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	1339.31
165-0087	24	EA	251.61	MAINTENANCE OF SILT CONTROL GATE, TP 3	6038.64
165-0105	14	EA	149.66	MAINTENANCE OF INLET SEDIMENT TRAP	2095.24
167-0100	8	MO	977.26	WATER QUALITY MONITORING	7818.08
167-0200	1	EA	1271.25	WATER QUALITY SAMPLING	1271.25
171-0010	12716	LF	2.46	TEMPORARY SILT FENCE, TYPE A	31281.36
171-0030	592	LF	4.09	TEMPORARY SILT FENCE, TYPE C	2421.28
201-1500	1	LS	121000.00	CLEARING & GRUBBING -	121000.00
700-6910	12	AC	1021.10	PERMANENT GRASSING	12253.20
<b>Section Sub Total:</b>					<b>\$482,634.52</b>

Section Major Structures					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
453-1102	5680	SF	85.00	BRIDGE - COMPLETE 2	482800.00
Section Sub Total:					<b>\$482,800.00</b>

Section Guardrail					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
641-1100	134	LF	56.49	GUARDRAIL, TP T	7569.66
641-1200	66829	LF	17.11	GUARDRAIL, TP W	1143444.19
641-5001	32	EA	613.61	GUARDRAIL ANCHORAGE, TP 1	19635.52
641-5012	32	EA	1753.33	GUARDRAIL ANCHORAGE, TP 12	56106.56
Section Sub Total:					<b>\$1,226,755.93</b>

Section Traffic Control and Mobilization					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	21	MTS	12000.00	TRAFFIC CONTROL	252000.00
151-1000	1	Lump Sum	160000.00	MOBILIZATION	160000.00
Section Sub Total:					<b>\$412,000.00</b>

Section Miscellaneous					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
153-1300	1	EA	63087.00	FIELD ENGINEERS OFFICE TP 3	63087.00
634-1200	206	EA	111.30	RIGHT OF WAY MARKERS	22927.80
Section Sub Total:					<b>\$86,014.80</b>

Section Signing, Striping, and Signals					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-2070	136	LF	10.74	GALV STEEL POSTS, TP 7	1460.64
636-2080	476	LF	12.27	GALV STEEL POSTS, TP 8	5840.52
636-2090	238	LF	9.96	GALV STEEL POSTS, TP 9	2370.48
653-0120	86	EA	79.49	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	6836.14
653-0210	8	EA	120.30	THERMOPLASTIC PVMT MARKING, WORD, TP 1	962.40
653-1501	64138	LF	0.86	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	55158.68
653-1502	51449	LF	0.84	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	43217.16
653-1704	272	LF	4.97	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1351.84
653-3501	6365	GLF	0.53	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	3373.45
653-3502	9316	GLF	0.38	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	3540.08
653-6004	734	SY	3.79	THERMOPLASTIC TRAF STRIPING, WHITE	2781.86
653-6006	7494	SY	3.69	THERMOPLASTIC TRAF STRIPING, YELLOW	27652.86
654-1001	721	EA	4.56	RAISED PVMT MARKERS TP 1	3287.76
654-1002	422	EA	4.01	RAISED PVMT MARKERS TP 2	1692.22
Section Sub Total:					<b>\$159,526.09</b>

Section Base and Paving					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	59180	TN	24.32	GR AGGR BASE CRS, INCL MATL	1439257.60
402-1812	1980	TN	85.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	168300.00
402-3112	15037	TN	85.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1278145.00
402-3121	28982	TN	85.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2463470.00
402-3130	13212	TN	85.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE,	1123020.00

				GP 2 ONLY, INCL BITUM MATL & H LIME	
413-1000	6300	GAL	2.05	BITUM TACK COAT	12915.00
429-1000	6100	SY	2.24	RUMBLE STRIPS	13664.00
<b>Section Sub Total:</b>					<b>\$6,498,771.60</b>

**Section Concrete Work**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
433-1000	100	SY	165.87	REINF CONC APPROACH SLAB	16587.00
441-0004	130	SY	50.82	CONC SLOPE PAV, 4 IN	6606.60
500-3101	422	CY	701.17	CLASS A CONCRETE	295893.74
500-3800	115	CY	1005.22	CLASS A CONCRETE, INCL REINF STEEL	115600.30
511-1000	38000	LB	1.00	BAR REINF STEEL	38000.00
<b>Section Sub Total:</b>					<b>\$472,687.64</b>

**Total Estimated Cost: \$14,488,080.37****Subtotal Construction Cost \$14,488,080.37**

E&amp;C Rate 10.0 % \$1,448,808.04

Inflation Rate 5.0 % @ 2.0 Years \$1,633,531.06

**Total Construction Cost \$17,570,419.47**

Right Of Way \$0.00

ReImb. Utilities \$0.00

**Grand Total Project Cost \$17,570,419.47**

# Location Map Project STP-2921(4), Troup County, P.I. No. 350990

